

GV-FE110 1.3MP H.264 Fisheye IP Camera



* GV-FE110 is excluded from Japan, EU and German market.

Introduction

The GV-FE110 is a fisheye camera that allows you to monitor all angles of a location using just one camera. The distorted hemispherical image of the fisheye camera will be converted into the conventional rectilinear projection.

Without installing any software, you can watch live view and utilize functions such as motion detection, privacy mask, and alert notification through the Web interface using an IE browser. In addition, the GV-FE110 seamlessly integrates with the GV-System, providing advanced monitoring and video management features.

The GV-Fisheye IP Camera is designed to be mounted on the ceiling, wall or ground. There are two ways to mount the GV-FE110 on the ceiling, Hard Ceiling Mount and In-Ceiling Mount. In-Ceiling Mount allows the GV-FE110 to be mounted into the ceiling, revealing a small portion of the camera.

Key Features

- 1.3MP progressive scan CMOS
- H.264, MPEG 4 and MJPEG
- [Digital Object Tracking](#)
- Provides 360 and 180 degrees panorama view
- No mechanical moving parts
- Memory Card Slot
- Virtual PTZ function
- Auto Pan function
- 2-way audio
- One sensor input and alarm output
- DC 12V / AC 24V / PoE
- Different angle of view accessible by multiple users at the same time
- Playback from any view angle and zoom level
- Privacy mask
- Visual automation
- Tampering alarm
- 28 languages on web interface

* No memory card slot & local storage function for Argentina.

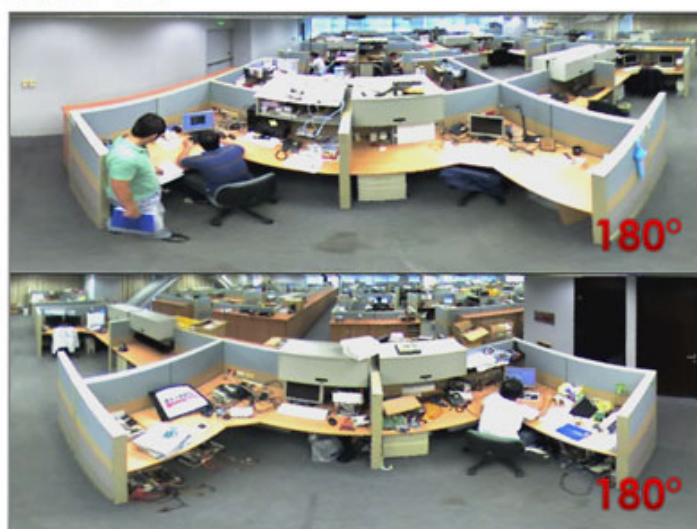
Fisheye Source Image



Single View



2 x 180° View



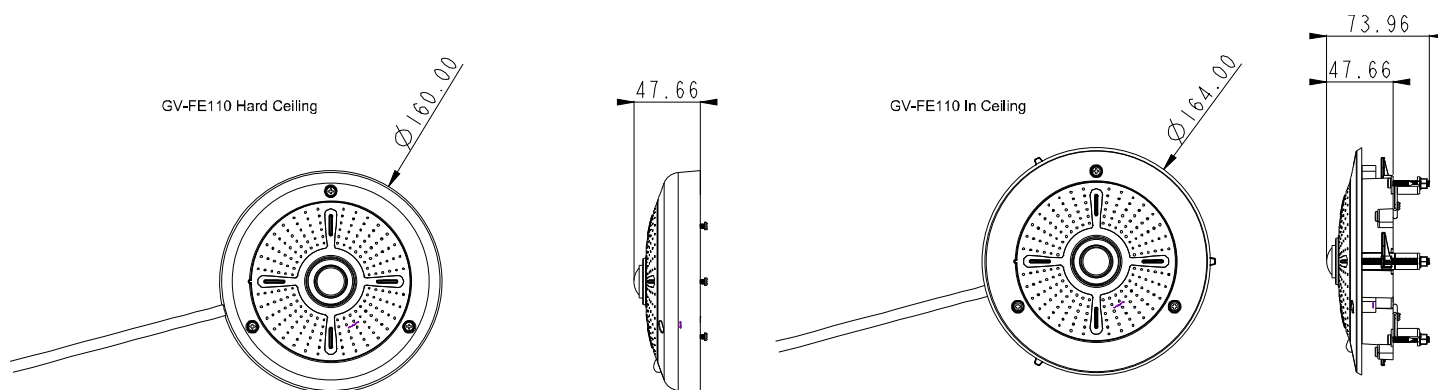
360° View



Quad View



SPECIFICATIONS



System Requirements		
OS	32-bit	Windows XP / Vista / 7 / Server 2008"
	64-bit	Windows 7 / Server 2008
GV-System Version		GV-System V8.4.0.0 with patch files or later
Browser		Internet Explorer 7.x or later
Camera		
Image Sensor		1/3" progressive scan CMOS
Picture Elements		1280 (H) x 1024 (V)
Minimum Illumination	Color	1.5 Lux (1/60 sec), 0.1 Lux (1/5 sec), (F/2.0, AGC-ON, slow shutter-Off.)
Shutter Speed		1/5 ~ 1/4000 sec, Auto (Balanced, Speed Priority, Quality Priority)
White Balance		Automatic, Manual (2800K~8500K)
Optics Lens		
Megapixel		Yes
Day/Night		Yes (electronic)
Iris		Fixed Iris
Focal Length		1.25 mm
Aperture		F/2.0
Mount		M12, Pitch 0.5 mm
Image Format		1/3" "
Operation	Focus	None
	Zoom	None
	Iris	Fixed
Operation		
Video Compression		H.264, MPEG4, MJPEG
Video Resolution		1280 x 1024
Frame Rate		15 fps
Image Setting		Brightness, Contrast, Sharpness, Saturation, Gamma, White Balance, Flicker-less, Backlight Compensation, Image Orientation, Shutter Speed, Day / Night
Audio Compression		G.711
Two-way Audio		Yes
Sensor Input		1 Input (Dry Contact)
Alarm Output		1 output
Network		
Interface		10/100 Ethernet
Protocol		HTTP, HTTPS (available in next version), TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, RTSP, PSIA, SNMP (available in next version)
Mechanical		
Lens Mounting		M12, Pitch 0.5 mm / 0.02 in
Temperature Detector		Yes

Connectors	Power	Terminal block (3 pin), PoE	
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Connector	
	Audio	Built-in microphone and speaker	
	Digital I/O	I/O Wire	
	Auto Iris	None	
	Local Storage	Micro SD/SDHC memory card slot (for Class 6 card or above)	
	TV-Out	None	
General			
Environment Temperature		0 °C ~ 50 °C / 32 °F ~ 122 °F	
Humidity		10% to 90% (no condensation)	
Power Source		12V DC / 24V AC / PoE (IEEE802.3af)	
Max. Power Consumption		9 W	
Dimensions	Camera Body	Hard-Ceiling Mount	ø 160 x 47.66 mm / 6.30 x 1.88 in
		In-Ceiling Mount	ø 164 x 47.66 mm / 6.46 x 1.88 in
	Cable Length		1 m / 3.28 ft
	Cable Diameter		ø 8 mm / 0.31 in
	Maximum Connector Diameter		ø 28.5 mm / 1.12 in
Weight		650 g / 1.43 lb	
Regulatory		CE, FCC, C-Tick, RoHS compliant	
Power over Ethernet			
PoE Standard		IEEE 802.3af Power over Ethernet / PSE	
PoE Power Supply Type		End-Span	
PoE Power Output		Per Port 48V DC, 350mA. Max. 15.4 watts	
Web Interface			
Installation Management		Web-based configuration	
Maintenance		Firmware upgrade through Web Browser or Utility	
Access from Web Browser		Camera live view, video recording, change video quality, bandwidth control, image snapshot, digital I/O control, audio, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Auto Pan function, virtual PTZ	
Language		Bulgarian / Czech / Danish / Dutch / English / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian /Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Thai / Traditional Chinese / Turkish	
Applications			
Network Storage		GV-NVR, GV-System, GV-Backup Center, GV-Recording Server	
Live Viewing		IE , GV-MultiView	
CMS Server Support		GV-Control Center, GV-Center V2, GV-VSM	

Note:

1. Wall mount and ground mount are only supported in firmware V1.08 or later.
2. Specifications are subject to change without notice.